

10/16/00  
JC 09/690,044FORM PTO-1449  
(REV. 2-82)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAtty. Docket No.  
1103326-0072 CON3Serial No.  
JC 09/690,044INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTApplicant:  
Lindberg et al.Filing Date: 1612  
Group:

## UNITED STATES PATENT DOCUMENTS

*Examiner Initial	Document No.							Date	Name	Class	Sub-Class	Filing Date, if Appropriate
J. T.	4	7	3	8	9	7	4	19.04.88	Brändström	514	338	21.04.86
J. T.	5	7	1	4	5	0	4	2/1998	Lindberg et al.	514	338	

## FOREIGN PATENT DOCUMENTS

*Examiner Initial	Document No.							Date	Country	Class	Sub-Class	Translation Yes No
J. T.	9	5	0	1	9	7	7	19.01.95	PCT	—	—	
J. T.	4	0	3	5	4	5	5	5/1992	DE (Kohl et al.)	—	—	
J. T.	9	6	0	1	6	2	3	25.01.96	WIPO	—	—	
J. T.	0	3	6	5	9	4	7	02.05.90	EP	—	—	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

J. T.	CA 117:90292, Palomo et al. (1992)
J. T.	'Erlandson et al. "Resolution of the enantiomers of omeprazole..." J. Chromatography (1990) 532:305-319
J. T.	Chang et al. 1995 "Interphenotype differences ..." Brit. J. Clinical Pharmacology 39: 511-518
J. T.	Rost et al. (1994) "Accelerated caffeine metabolism after omeprazole..." 55: 402-411

Examiner:

Jane T. Fan

Date Considered:

5/8/01

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9.5	4	6	3	6	4	9	9	13.01.96 <sup>87</sup>	Brändström	514	222	
9.5	5	0	4	5	3	2	1	03.09.91	Makino et al.	424	475	

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*Examiner Initial	Document No.							Date	Country	Class	Sub-Class	Translation Yes No
9.5	0	3	6	5	9	4	7	02.05.90	EP	—	—	
9.5	9	5	0	1	7	8	3	19.01/95	WIPO	—	—	
9.5	9	2	2	2	2	8	4	23.12.92	WIPO	—	—	
9.5										—	—	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

9.5	Rost et al. (1992) "Increase of cytochrome P450IA2 activity..." 52; 170-180
9.5	Marle et al. "Determination of binding affinity of enantiomers..." J>Chromatography (1988) 456: 323-33

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9, T	4	8	5	3	2	3	0	01.08.89	Lovgren et al..	424	466	
9, T	4	7	8	6	5	0	5	22.11.88	Lovgren et al..	424	468	

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9, T	9	6	0	2	5	3	5	01.02.96	WIPO	—	—	
	9	4	2	7	9	8	8	08.12.94	WIPO	—	—	
9, T	6	2	4	7	9	8	3	16.04.87	EP	—	—	
9, T										—	—	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)


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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 2-82) PATENT AND TRADEMARK OFFICE

Atty. Locket No. 1103326-0072 CON 3 09/490,044  
Serial No.

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

Applicant:  
Lindberg et al.

Filing Date: Group: 1612

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FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-Class	Translation Yes	Translation No
7.7	4 0 3 5 4 5 5	11/90	DE	—	—	X	
7.7	0 0 0 5 1 2 9	4/81	EP	—	—		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

9.7	Cairns, et al. "Enantioselective HPLC determination..." Journal of Chromatography 8,666 (1995) 323-328						
	Yamada et al. "Synthesis and isomerization of optical active..." Chem. Pharm. Bull. 42(8) (1994) 1679-1681						
	K. Miwa et al. "Jpn. Pharmacol. Ther. "Proton pump inhibitor in rats, mice and dogs" 18 (1990) 165-187 (transl.)						
	H. Katsuki et al. "Determination of R(+) - and S(-) -Lansoprazol Pharmaceutical Research 13(4) (1996) 611-615						
9.7	M. Tanaka et al. "Direct determination of pantoprazole enantiomers..." Anal. Chem. 68 (1996) 1513-1516						

Examiner: Jane T. Fan Date Considered: 5/8/01

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT  
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Atty. Docket No. 1103326-0072 con Serial No. 3 of 690,044

Applicant:  
Lindberg et al.

Filing Date: Group:

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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-Class	Translation Yes	Translation No
97	0 1 2 4 4 9 5	1/87	EP				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

97	P. Lindberg et al. "Omeprazole: The first proton pump inhibitor" Medicinal Res. Rev. 10 (1990) 2-50
1	P. Lindberg et al. "The mechanism of action of...omeprazole" Journal of Medicinal Chemistry 29 (1986) 1327
↓	A. Brandstrom "Chemical reactions..." Reprint from ACTA CHEMICA SCANDINAVICA" 43 (1989) 536-611
97	K. Sigrist-Nelson et al. "Ro 18-5364, a potent inhibitor of the gastric (H <sup>+</sup> + K <sup>+</sup> )-ATPase" Eur. J. Bioch. 166 (1987) 453

Examiner:

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Date Considered:

5/870

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FORM PTO-1449 (REV. 2-82)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 1103326-0072 CON3	Serial No. 09/690,842
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant: Lindberg et al.	
		Filing Date:	Group: 1612

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*Examiner Initial	Document No.							Date	Name	Class	Sub-Class	Filing Date, if Appropriate
Q.T.	5	6	9	0	9	6	0	25.11.1997	Bengtsson et al.	424	480	
	5	8	1	7	3	3	8	06.10.1998	Bergstrand et al.	424	468	
	5	8	8	8	5	3	5	30.03.1999	Gray	424	449	
	5	8	7	7	1	9	2	02.03.1999	Lindberg et al.	514	338	
Q.T.	5	9	0	0	4	2	4	04.05.1999	Källström et al.	514	338	

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Q.T.	Sverker von Unge et al., "Stereochemical assignment of the enantiomers of omeprazole from X-ray analysis of a fenchyloxymethyl derivative of (+)-(R)-omeprazole
Q.T.	Japanese Chemical Society: Special Topics in Experimental Chemistry - Organic Reactions II (1958)

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